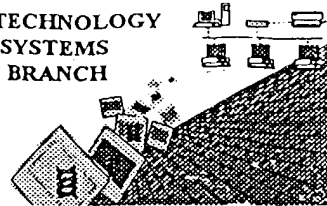


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 08/908,469B  
Source: IFW/b  
Date Processed by STIC: 3/5/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFW16

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/908,469B

DATE: 03/05/2004

TIME: 10:10:58

Input Set : A:\P1093P1.txt

Output Set: N:\CRF4\03052004\H908469B.raw

## SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Baca, Manuel

6 Wells, James A.

7 Presta, Leonard G.

8 Lowman, Henry B.

9 Chen, Yvonne M.

11 (ii) TITLE OF INVENTION: ANTI-VEGF ANTIBODIES

13 (iii) NUMBER OF SEQUENCES: 131

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Genentech, Inc.

17 (B) STREET: 1 DNA Way

18 (C) CITY: South San Francisco

19 (D) STATE: California

20 (E) COUNTRY: USA

21 (F) ZIP: 94080

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

25 (B) COMPUTER: IBM PC compatible

26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

27 (D) SOFTWARE: WinPatin (Genentech)

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/08/908,469B

C--> 31 (B) FILING DATE: 06-Aug-1997

32 (C) CLASSIFICATION:

34 (vii) PRIOR APPLICATION DATA:

35 (A) APPLICATION NUMBER: 08/833,504

36 (B) FILING DATE: 07-APR-1997

38 (viii) ATTORNEY/AGENT INFORMATION:

39 (A) NAME: Cui, Steven X.

40 (B) REGISTRATION NUMBER: 44,637

41 (C) REFERENCE/DOCKET NUMBER: P1093P1

43 (ix) TELECOMMUNICATION INFORMATION:

44 (A) TELEPHONE: 650/225-8674

45 (B) TELEFAX: 650/952-9881

## ERRORED SEQUENCES

1771 (2) INFORMATION FOR SEQ ID NO: 100:

1773 (i) SEQUENCE CHARACTERISTICS:

1774 (A) LENGTH: 237 amino acids

E--> 1775 (B) TYPE: (PRT) amine acid

*see p. 2*

*T "PRT" is used only in "new" sequence Rules format*

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/908,469B

DATE: 03/05/2004

TIME: 10:10:58

Input Set : A:\P1093P1.txt

Output Set: N:\CRF4\03052004\H908469B.raw

1776 (D) TOPOLOGY: *← mandatory response needed*  
 1778 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 100:  
 1780 Met Lys Lys Asn Ile Ala Phe Leu Leu Ala Ser Met Phe Val Phe  
 1781 1 5 10 15  
 1783 Ser Ile Ala Thr Asn Ala Tyr Ala Asp Ile Gln Leu Thr Gln Ser  
 1784 20 25 30  
 1786 Pro Ser Ser Leu Ser Ala Ser Val Gly Asp Arg Val Thr Ile Thr  
 1787 35 40 45  
 1789 Cys Ser Ala Ser Gln Asp Ile Ser Asn Tyr Leu Asn Trp Tyr Gln  
 1790 50 55 60  
 1792 Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr Phe Thr Ser  
 1793 65 70 75  
 1795 Ser Leu His Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser  
 1796 80 85 90  
 1798 Gly Thr Asp Tyr Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp  
 1799 95 100 105  
 1801 Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Ser Thr Val Pro Trp Thr  
 1802 110 115 120  
 1804 Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala  
 1805 125 130 135  
 1807 Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser  
 1808 140 145 150  
 1810 Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg  
 1811 155 160 165  
 1813 Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly  
 1814 170 175 180  
 1816 Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr  
 1817 185 190 195  
 1819 Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu  
 1820 200 205 210  
 1822 Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser  
 1823 215 220 225  
 1825 Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys  
 1826 230 235

2758 (2) INFORMATION FOR SEQ ID NO: 130:

2760 (i) SEQUENCE CHARACTERISTICS:

2761 (A) LENGTH: 254 amino acids

E--> 2762 (B) TYPE: ERT amino acid2763 (D) TOPOLOGY: *← mandatory response*

2765 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 130:

2767 Met Lys Lys Asn Ile Ala Phe Leu Leu Ala Ser Met Phe Val Phe  
 2768 1 5 10 15  
 2770 Ser Ile Ala Thr Asn Ala Tyr Ala Glu Val Gln Leu Val Glu Ser  
 2771 20 25 30  
 2773 Gly Gly Gly Leu Val Gln Pro Gly Gly Ser Leu Arg Leu Ser Cys  
 2774 35 40 45  
 2776 Ala Ala Ser Gly Tyr Thr Phe Thr Asn Tyr Gly Met Asn Trp Ile  
 2777 50 55 60  
 2779 Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Gly Trp Ile Asn

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/908,469B

DATE: 03/05/2004

TIME: 10:10:59

Input Set : A:\P1093P1.txt

Output Set: N:\CRF4\03052004\H908469B.raw

2780		65		70		75
2782	Thr Tyr Thr Gly Glu Pro Thr Tyr Ala Ala Asp Phe Lys Arg Arg					
2783		80		85		90
2785	Phe Thr Ile Ser Ala Asp Thr Ser Ser Asn Thr Val Tyr Leu Gln					
2786		95		100		105
2788	Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala					
2789		110		115		120
2791	Lys Tyr Pro His Tyr Tyr Gly Ser Ser His Trp Tyr Phe Asp Val					
2792		125		130		135
2794	Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys					
2795		140		145		150
2797	Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser					
2798		155		160		165
2800	Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro					
2801		170		175		180
2803	Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly					
2804		185		190		195
2806	Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser					
2807		200		205		210
2809	Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln					
2810		215		220		225
2812	Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val					
2813		230		235		240
2815	Asp Lys Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Leu					
2816		245		250		

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/08/908,469B

DATE: 03/05/2004  
TIME: 10:11:00

Input Set : A:\P1093P1.txt  
Output Set: N:\CRF4\03052004\H908469B.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:117; Line(s) 2367,2373,2379,2385,2391  
Seq#:118; Line(s) 2409  
Seq#:119; Line(s) 2430,2436,2442,2448,2454  
Seq#:120; Line(s) 2472,2478,2484,2490,2496,2502,2508  
Seq#:121; Line(s) 2526,2532,2538,2544,2550  
Seq#:123; Line(s) 2580,2586  
Seq#:124; Line(s) 2604  
Seq#:125; Line(s) 2643,2649,2655,2661  
Seq#:128; Line(s) 2727  
Seq#:129; Line(s) 2745,2751

## VERIFICATION SUMMARY

DATE: 03/05/2004

PATENT APPLICATION: US/08/908,469B

TIME: 10:11:00

Input Set : A:\P1093P1.txt

Output Set: N:\CRF4\03052004\H908469B.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:1774 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=100  
L:2373 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]  
L:2373 M:238 W: Alpha Fields not Ordered, Reordered [(D) TOPOLOGY:] of (2)(i)  
L:2373 M:246 W: Invalid value of Alpha Sequence Header Field, [TOPOLOGY:], SeqNo=117  
L:2395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:0  
L:2409 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]  
L:2409 M:238 W: Alpha Fields not Ordered, Reordered [(D) TOPOLOGY:] of (2)(i)  
L:2409 M:246 W: Invalid value of Alpha Sequence Header Field, [TOPOLOGY:], SeqNo=118  
L:2413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:0  
L:2436 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]  
L:2436 M:238 W: Alpha Fields not Ordered, Reordered [(D) TOPOLOGY:] of (2)(i)  
L:2436 M:246 W: Invalid value of Alpha Sequence Header Field, [TOPOLOGY:], SeqNo=119  
L:2458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119 after pos.:0  
L:2490 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]  
L:2490 M:238 W: Alpha Fields not Ordered, Reordered [(D) TOPOLOGY:] of (2)(i)  
L:2490 M:246 W: Invalid value of Alpha Sequence Header Field, [TOPOLOGY:], SeqNo=120  
L:2512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120 after pos.:0  
L:2554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:0  
L:2590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123 after pos.:0  
L:2608 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:0  
L:2668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:125 after pos.:15  
M:341 Repeated in SeqNo=125  
L:2731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:128 after pos.:0  
L:2755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:129 after pos.:0  
L:2761 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=130